

**Plant protection agents containing 1,2,4-triazole derivatives, and the 1,2,4-triazole derivatives.****Publication number:** EP0346620**Publication date:** 1989-12-20**Inventor:** LOHER HEINZ JOSEF DR; HEUBACH GUNTHER DR;  
BAUER KLAUS DR; BIERINGER HERMANN DR**Applicant:** HOECHST AG (DE)**Classification:****- International:** A01N25/32; A01N55/10; C07D249/10; A01N25/32;  
A01N55/00; C07D249/00; (IPC1-7): A01N25/32;  
C07D249/10**- European:** A01N25/32; C07D249/10**Application number:** EP19890108715 19890516**Priority number(s):** DE19883817192 19880520**Also published as:**

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**Cited documents:**FR2526271  
EP0174562  
AU7997287  
EP0310555**Report a data error here****Abstract of EP0346620**

The present invention relates to plant protection agents for use as safeners for herbicides, which contain a triazole compound of the formula I or its salt in which Z and Z1 denote halogen, nitro, cyano, an optionally substituted amino, alkyl, alkoxy, alkylthio, cycloalkyl, phenyl or phenoxy radical, X denotes hydroxyl, -OCH<sub>2</sub>Si(CH<sub>3</sub>)<sub>3</sub>, alkyl, cycloalkoxy, phenoxy, alkenyloxy, alkynyloxy, (substd.) alkoxy, (substd.) alkylthio, a radical of the formulae and n = 0, 1, 2 or 3. A large number of the compounds of the formula I are new. The invention also relates to these compounds and their preparation.

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